



Hamburg Mattenfilter (HMF) are used by almost every breeder and wholesaler in Europe. The main part is the German Poret® Filter Foam.

This open-cell foam is unrivaled in its properties. Strong enough to stand upright for many years, it provides a greater filter volume than any other filter but without the many shortcomings.

HMF can be designed for any tank size, either air-driven or with a magnetic drive pump.

When considering price, maintenance needed, and energy consumption, the HMF beats any competition!

Swisstropicals is the official distributor of Poret® filter foam in the USA & Canada.

More information and online ordering is available at

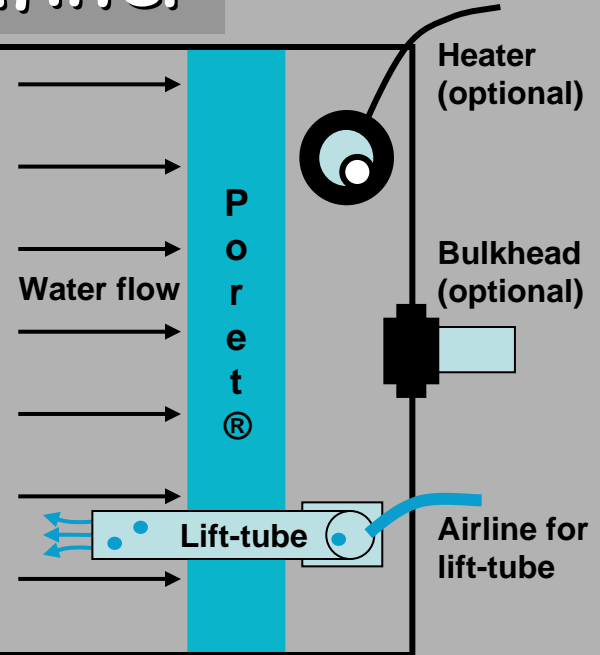
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View from above

Air-driven HMF installed in a tank. A PVC lift-tube sits in a groove on top. The outflow of the lift-tube is screened with vent screen to prevent fish from entering. The airline is pushed in a fitting hole drilled into the lift-tube and has no airstone. A heater and bulkhead are installed behind the Poret® foam to hide them and prevent fish from going down the drain. Overflows also can be conveniently installed behind the HMF without the need for a strainer. There is nothing for fish to hide behind in front of the foam, making it easier to view or catch them.



View from the side

This HMF installed in a 15-Gal tank has the size of ~12x12x2 inches, which equals ~5 quarts of filter volume with a front surface of ~140 sq inch. For comparison, data on some popular sponge filters:

| Models: | Vol (quarts): | Surface (sq inch): |
|-------------------|---------------|--------------------|
| Angels Plus: | 1 | 80 |
| ATI Hydro 1: | 0.33 | 47 |
| ATI Hydro 2: | 0.32 | 50 |
| ATI Hydro 3: | 0.65 | 75 |
| ATI Hydro 4: | 1.08 | 105 |
| ATI Hydro 5: | 1.61 | 139 |
| HMF 10-Gal | 3.5 | 108 |

You would need two ATI 5 to replace this HMF!

